Search Report from Ginger R. DeMille

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? show files;ds
File 348:EUROPEAN PATENTS 1978-2004/Aug W03
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040826,UT=20040819
         (c) 2004 WIPO/Univentio

Set     Items   Description
S1       1663   DRM OR DIGITAL(1W)RIGHTS OR DIGITAL(2W)WORK? ?
S2      95848   (TYPE OR KIND OR CATEGORY OR CLASS OR CLASSIFICATION OR RO-
             LE OR RULE OR HOW)(2W)(USE OR USED OR USAGE)
S3     246697   LICENSE OR CERTIFICATE? ? OR LICENSES OR PERMIT
S4         45   PRE()S3 OR (PREISSUA? OR PREISSUING OR PRE()ISSUA? OR PRE(-
              )ISSUING OR (DISTRIBUT? OR ISSUING)(5W)BEFORE)(5W)CONTENT
S5        232   S1 AND S2
S6          6   S1 AND S4
S7        235   S5 OR S6
S8         24   S1(S)S2
S9          7   S3(S)S8
S10         1   S4(S)S9
S11        12   S6 OR S9
S12         0   S12 NOT PY>2001
S13        13   S8(S)(REPOSITORY OR DATABASE? OR DATA()BASE OR SERVER?)
S14         1   S8(S)ARCHIVE?
S15        20   S11 OR S13:S14
? t15/3,k/all
```

read

15/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS
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01679173

Using a rights template to obtain a signed rights label (SRL) for digital content in a digital rights management system

Benutzung eines Berechtigungs-Templates zur Erlangung eines Signed Rights Labels (SRL) fur digitalen Inhalt in einem digitalen System zur Verwaltung von Rechten

Utilisation d'une modele des droits pour obtenir une etiquette des droits signee pour contenu numerique dans un systeme de gestion des droits numeriques (DRM)

PATENT ASSIGNEE:
MICROSOFT CORPORATION, (749866), One Microsoft Way, Redmond, WA 98052, (US), (Applicant designated States: all)

INVENTOR:
Bourne, Steven, 1633 Bellevue Avenue No.409, Seattle, Washington 98122, (US)
Venkatesh, Chandramouli, 414, 213th PL SE, Sammamish, Washington 98074, (US)
Krishnaswamy, Vinay, 23319 NE 142nd Place, Woodinville, Washington 98072, (US)

LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1378812 A2 040107 (Basic)
APPLICATION (CC, No, Date): EP 2003013557 030613;
PRIORITY (CC, No, Date): US 185278 020628
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS: G06F-001/00

Search Report from Ginger R. DeMille

ABSTRACT WORD COUNT: 121
NOTE:
Figure number on first page: 9

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200402	1747
SPEC A	(English)	200402	13891
Total word count - document A			15638
Total word count - document B			0
Total word count - documents A + B			15638

...SPECIFICATION basis of the SRL 308, including perhaps an ID of the content; information on the **DRM server** that signs the SRL 308, including (PU- **DRM** (DES1)) and referral information such as a URL for locating the **DRM server** on a network and fall-back information if the URL fails; information describing the SRL 308 itself; (DES1 (rightsdata)): (DES1(CK)); and S (PR- **DRM**), among other things. A sample SRL 308 in XML / XrML is attached hereto as Appendix...

15/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01679172
Systems and methods for issuing usage licenses for digital content and services
System und Methode zum Ausstellen von Verwendungslizenen fur digitale Inhalte und Dienste
Systemes et methodes permettant de generer des licences d'utilisation de contenu numerique et de services
PATENT ASSIGNEE:
MICROSOFT CORPORATION, (749866), One Microsoft Way, Redmond, WA 98052, (US), (Applicant designated States: all)
INVENTOR:
Waxman, Peter, 10008 NE 28th Place, Bellevue, Washington 98004, (US)
Narin, Attilla, 8741 NE 144th Court, Bothell, Washington 98011, (US)
Cottrille, Scott, 22618 NE 14th Drive, Sammamish, Washington 98074, (US)
Krishnaswamy, Vinay, 23319 NE 142nd Place, Woodinville, Washington 98072, (US)
DeMello, Marco A., 6606 152nd Ave., Redmond, Washington 98052, (US)
Venkatesh, Chandramouli, 414 213th Place SE, Sammamish, Washington 98074, (US)
Byrum, Frank D., 1200 Western Ave.No.1210, Seattle, Washington 98101, (US)
Bourne, Steve, 303 E.Pike Street No.602, Seattle, Washington 98122, (US)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1378811 A2 040107 (Basic)
APPLICATION (CC, No, Date): EP 2003013556 030613;
PRIORITY (CC, No, Date): US 185511 020628
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS: G06F-001/00
ABSTRACT WORD COUNT: 181

NOTE:
Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200402	2069
SPEC A	(English)	200402	12669
Total word count - document A			14738
Total word count - document B			0
Total word count - documents A + B			14738

...SPECIFICATION basis of the SRL 308, including perhaps an ID of the content; information on the **DRM server** that signs the SRL 308, including (PU- **DRM** (DES1)) and referral information such as a URL for locating the **DRM server** on a network and fall-back information if the URL fails; information describing the SRL 308 itself; (DES1 (rightsdata)): (DES1(CK)); and S (PR- **DRM**), among other things. A sample SRL 308 in XML / XrML is attached hereto as Appendix...

15/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01674207
DRM system for protecting digital content
DRM-System zum Schutz digitalen Inhalts
Systeme DRM de protection de contenu numerique
PATENT ASSIGNEE:
MICROSOFT CORPORATION, (749866), One Microsoft Way, Redmond, WA 98052, (US), (Applicant designated States: all)
INVENTOR:
Bourne, Steven, 303 E. Pike Street, No. 602, Seattle, WA 98122, (US)
Malik, Prashant, 1313 225th Pl. SE, Building 40, Rm 4155, Sammamish, Washington 98075, (US)
Krishnaswamy, Vinay, 23319 NE 142nd Place, Woodinville, Washington 98072, (US)
Shobe, James B., Jr., 4413 Eastern Avenue N., Seattle, Washington 98103, (US)
Venkatesh, Chandramouli, 414 213th Place SE, Sammamish, Washington 98074, (US)
Narin, Attila, 8741 NE 144th Court, Bothell, Washington 98011, (US)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1376309 A2 040102 (Basic)
APPLICATION (CC, No, Date): EP 2003013569 030613;
PRIORITY (CC, No, Date): US 185527 020628
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS: G06F-001/00
ABSTRACT WORD COUNT: 148
NOTE:
Figure number on first page: 4A

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Search Report from Ginger R. DeMille

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200401	2291
SPEC A	(English)	200401	13806
Total word count - document A			16097
Total word count - document B			0
Total word count - documents A + B			16097

...SPECIFICATION basis of the SRL 308, including perhaps an ID of the content; information on the **DRM server** that signs the SRL 308, including (PU- **DRM** (DES1)) and referral information such as a URL for locating the **DRM server** on a network and fall-back information if the URL fails; information describing the SRL 308 itself; (DES1(rightsdata)): (DES1(CK)); and S (PR- **DRM**), among other things. A sample SRL 308 in XML / XrML is attached hereto as Appendix...

15/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01674205
Trust model for a DRM system
Vertrauensmodell fur ein DRM-system
Modele de confiance pour un systeme DRM
PATENT ASSIGNEE:
MICROSOFT CORPORATION, (749866), One Microsoft Way, Redmond, WA 98052, (US), (Applicant designated States: all)
INVENTOR:
Narin, Attila, 8741 NE 144th Court, Bothell, Washington 98011, (US)
Waxman, Peter David, 10008 NE 28th Place, Bellevue, Washington 98004, (US)
Lindeman, Thomas K., 17225 NE 133rd Place, Redmond, Washington 98052, (US)
Byrum, Frank, 1200 Western Avenue No. 1210, Seattle, Washington 98101, (US)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1376307 A2 040102 (Basic)
APPLICATION (CC, No, Date): EP 2003013565 030613;
PRIORITY (CC, No, Date): US 185077 020628
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS: G06F-001/00
ABSTRACT WORD COUNT: 204
NOTE:
Figure number on first page: 10

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200401	1648
SPEC A	(English)	200401	13124
Total word count - document A			14772
Total word count - document B			0
Total word count - documents A + B			14772

...SPECIFICATION basis of the SRL 308, including perhaps an ID of the

content; information on the **DRM server** that signs the SRL 308, including (PU- **DRM** (DES1)) and referral information such as a URL for locating the **DRM server** on a network and fall-back information if the URL fails; information describing the SRL 308 itself; (DES 1 (rightsdata)): (DES 1(CK)); and S (PR- **DRM**), among other things.
By ensuring that a trusted entity signs the rights data to create...

15/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01674204
Secure server plug-in architecture for digital rights management systems
Serverarchitektur fur sichere Plug-ins in digitalen Rechteverwaltungsssystemen
Architecture serveur de Plug-in securise pour des systemes de gestion de droits numeriques
PATENT ASSIGNEE:
MICROSOFT CORPORATION, (749866), One Microsoft Way, Redmond, WA 98052, (US), (Applicant designated States: all)
INVENTOR:
Cottrille, Scott C., 22618 NE 14th Drive, Sammamish, Washington 98074, (US)
Waxman, Peter David, 10008 NE 28th Place, Bellevue, Washington 98004, (US)
Krishnaswamy, Vinay, 23319 NE 142nd Place, Woodinville, Washington 98072, (US)
Venkatesh, Chandramouli, 414 213th Place SE, Sammamish, Washington 98074, (US)
Narin, Attila, 8741 NE 144th Court, Bothell, Washington 98011, (US)
Kostal, Gregory, 425 10th Ave., Kirkland, Washington 98033, (US)
Malik, Prashant, 1313 225th Pl. SE, Building 40, Room 4155, Sammamish, Washington 98075, (US)
Yarmolenko, Vladimir, 27430 NE 155th Place, Duvall, Washington 98019, (US)
Byrum, Frank, 1200 Western Avenue No. 1210, Seattle, Washington 98101, (US)
Lindeman, Thomas K., 17225 NE 133rd Place, Redmond, Washington 98052, (US)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1376980 A1 040102 (Basic)
APPLICATION (CC, No, Date): EP 2003013564 030613;
PRIORITY (CC, No, Date): US 185906 020628
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS: H04L-029/06
ABSTRACT WORD COUNT: 77
NOTE:
Figure number on first page: 11

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200401	829
SPEC A	(English)	200401	15634

Total word count - document A 16463
Total word count - document B 0
Total word count - documents A + B 16463

...SPECIFICATION basis of the SRL 308, including perhaps an ID of the content; information on the **DRM server** that signs the SRL 308, including (PU- **DRM** (DES1)) and referral information such as a URL for locating the **DRM server** on a network and fall-back information if the URL fails; information describing the SRL 308 itself; (DES1(rightsdata)): (DES1(CK)); and S (PR- **DRM**), among other things. A sample SRL 308 in XML / XrML is attached hereto as Appendix...

15/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01621459
Process and system for ordering photographic work from a portable terminal
Verfahren und System zum Bestellen von photographischen Abzugen mit einem tragbaren Endgerat
Procede et systeme pour commander des travaux photographiques utilisant un terminal portable
PATENT ASSIGNEE:
EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)
INVENTOR:
Furon, Olivier Alain Christian, c/o Kodak Ind., Departement Brevets, CRT 60/2 - Zone Industrielle, 71102 Chalon sur Saone Cedex, (FR)
Vau, Jean-Marie, c/o Kodak Industrie, Departement Brevets, CRT 60/2 - Zone Industrielle, 71102 Chalon sur Saone Cedex, (FR)
LEGAL REPRESENTATIVE:
Weber, Etienne Nicolas et al (91684), Kodak Industrie, Departement Brevets, CRT, Zone Industrielle, 71102 Chalon sur Saone Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 1336931 A2 030820 (Basic)
EP 1336931 A3 040421
APPLICATION (CC, No, Date): EP 2003356007 030123;
PRIORITY (CC, No, Date): FR 021788 020214
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO
INTERNATIONAL PATENT CLASS: G06F-017/60
ABSTRACT WORD COUNT: 165
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200334	823
SPEC A	(English)	200334	4142

Total word count - document A 4965
Total word count - document B 0
Total word count - documents A + B 4965

...SPECIFICATION 19, 20, 21.
The order station 5 communicates on the one hand with the central **server** 3 by the high speed link 18, and on the other hand with a gateway ...

...type (Wireless Application Protocol) by the link 17. The gateway 2 also has a voice **server** function. The link 17 also enables for example

connection to the internet. The gateway 2...

...for example GSM (Global System for Mobile) or GPRS (General Packet Radio System). The central **server** 3 also communicates, by high- ...on cloth), etc. The processing laboratory 15 is for example a laboratory specialized in the **digital** photographic **work** . In a particular embodiment of the system of the invention, the central **server** 3 communicates with at least one other **server** 13 of digital data. The **server** 13 contains for example metadata. These metadata constitute for example additional information to the data...

...the photograph, the time and day of its production, the author of the photograph, the **type** of camera **used** , a personalized message, etc.
The order station also comprises a container or recipient 11. This...

15/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01567512
LICENSE INFORMATION CONVERTER
LIZENZINFORMATIONSUMSETZER
DISPOSITIF DE CONVERSION D'INFORMATIONS DE PERMIS D'UTILISATION
PATENT ASSIGNEE:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)
INVENTOR:
NAKAHARA, Tohru, 1-4-40-755, Nonakaminami, Yodogawa-ku, Osaka-shi, Osaka 532-0022, (JP)
HIGASHI, Akio, 25-B-406, Hiyoshidainanabancho, Takatsuki-shi, Osaka 569-1022, (JP)
LEGAL REPRESENTATIVE:
Gassner, Wolfgang (85694), Nagelsbachstrasse 49a, 91052 Erlangen, (DE)
PATENT (CC, No, Kind, Date): EP 1416406 A1 040506 (Basic)
WO 2003014992 030220
APPLICATION (CC, No, Date): EP 2002755844 020806; WO 2002JP8009 020806
PRIORITY (CC, No, Date): JP 2001241095 010808
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/60
ABSTRACT WORD COUNT: 101
NOTE:
Figure number on first page: 09

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200419	2240
SPEC A	(English)	200419	16834
Total word count - document A			19074
Total word count - document B			0
Total word count - documents A + B			19074

...SPECIFICATION developed. In the present specification, any rights

concerning content data will be referred to as " **digital rights** ". A representative right management technology is **DRM** (**Digital Rights** Management). Hereinafter, a content distribution system incorporating **DRM** will be described.

To a conventional content distribution system, a server and terminal apparatuses are...

...content decryption key is a key for decrypting encrypted content data. In the case of **DRM** , the license information represents usage rules for the content data. A typical example of a...224, and a storage device 225.

Next, the preparation which is needed in the content **distribution** system Scd1 **before** the subscriber (beta) receives a **content** distributed from the entity (alpha) will be described. First, the content DB 211, the decryption...

...encrypted content data Dect1 in the storage device 225 (step S19).

From the perspective of **digital rights** protection, encrypted content data Dect1 is received by the terminal apparatus 22. Therefore, in order...

...in the license DB 214. As a result, it becomes possible to protect the aforementioned **digital rights** .

On the other hand, if step S26 finds that the license information Drgt1 has been...

...in the license DB 114. Therefore, as described above, it becomes possible to protect the **digital rights** .

On the other hand, if step S29 finds that usage admission can be granted, the...

...to use the content data Dct1. However, since it is undesirable from the perspective of **digital rights** protection to unconditionally grant usage admission to the terminal apparatus 22, it is preferable that... data Dect1 to be decrypted. As a result, it becomes possible to protect the aforementioned **digital rights** .

On the other hand, if step S217 finds that usage admission has been granted, the...conversion apparatus according to the present invention can be incorporated in a system which incorporates **DRM** (**Digital Rights** Management), i.e., a right management technique.

15/3,K/8 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01129704
DEAD NOZZLE COMPENSATION
COMPENSATION D'UNE BUSE HORS ETAT DE FONCTIONNEMENT
Patent Applicant/Assignee:
SILVERBROOK RESEARCH PTY LTD, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WALMSLEY Simon Robert, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality), (Designated only for: US)
JACKSON PULVER Mark, Silverbrook Reseach Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),

...entered in the log. This total usage time is easily measured or estimated using the **DRM** agent, enabling usage of the digital content in the client system. In addition, the usage...

...the entry in the usage log could comprise a record of infon-nation about the **DRM** agent implemented in the client system. Such **DRM** record preferably gives information that, and possible how, the **DRM** agent is involved in the usage of the digital content. Typical **DRM** relevant information could be a version number, representation of a key associated with the **DRM** agent, or a key derived therefrom. From the **DRM** information it is then possible to control and verify that the client system really includes a correct and certified **DRM** agent. Thus, the usage information can provide a valuable source for continuously controlling clients' **DRM** agents to detect any security flaws as early as possible. As was briefly discussed in...

...system then includes an identifier of the client from whom he received the ticket or **license** . When the content provided is to transmit the digital content to a client it can...

...started or ended. In addition, the content provider preferably stores the transmission time in a **data base** or register or provides it to a third party for storage therein. This information could...

...payment transaction identifier, can be used. This payment information may then be obtained from the **DRM** agent as a part of the charging mechanism of the **DRM** functionality. Also some information associated with the usage device, including an identifier code/version or...should be logged and/or when it should be logged, can be specified in the **license** or ficket associated with the received digital content. However, if the logged usage information is...

...reception and rendering of the streaming data. The content provider may be equipped with a **DRM** functionality that receives this client usage information and only continues to stream data if usage...

...In such a case, the client module preferably includes means for receiving and storing a **license** associated with received digital content. In addition, an appender for appending the usage log to the **license** is preferably arranged in the client module. This appender appends the log to the **license** so that when the tamper-resistant module is moved to another client module, both the **license** and the log accompany the device to the new client module. However, the appender preferably should leave the **license** unchanged except appending the log thereto. Fig. 7 illustrates an embodiment of a client module...

...processor 340, screen 342 and/or loudspeaker 344 for rendering digital content and, preferably, a **DRM** agent 330. A **DRM** agent 430 is also preferably arranged in the tamper-resistant device 400. In such a case, the logging agent 150 can be implemented in the **DRM** agent 430 associated with the tamper-resistant device 400. An authentication unit 160 for authenticating...

...in the client module 10, preferably in the tamper resistant device 400 or in its **DRM** agent 430. The embodiment of the client module 10 in Fig. 7, could be a...

...g. the subscription key associated with the user-operator subscription, a key associated with a **DRM** agent 430 implemented in the SIM, or a key

derived from these keys. It is...

...operator. Thus, this gives protection against downloading "viruses" or incorrect logging agents form a malicious **server** . The downloaded logging application can also be encrypted, e.g. with a SIM associated key ...

...As is illustrated in Fig. 8, not only the logging agent 150 but also the **DRM** agent 430 can be implemented in the application environment 490. This means that also other **DRM** functions and applications can be upgraded through downloading. Referring to Fig. 3, the network operator ...

...the log 175 may be arranged in the application environment 490, e.g. in the **DRM** 490 or logging agent 150, or somewhere else on the SIM 400. As was briefly...

...for a charging mechanism that can be used for payment of digital content in the **DRM** system. In such a case, the usage information from the logging agent 150 is authenticated...
...information is then transferred to the network operator or to a dedicated billing institute (charging **server**) managing the actual charging of the digital content. In such a case, the usage information...

...and screen 342 for rendering ordered digital content. The rendering device 300 further includes a **DRM** agent 330 incorporating a logging agent 150 and usage information authenticator 160 according to the...

...of digital content. The client system of Fig. 9 (and Fig. 4) has a distributed DRM functionality, with one **DRM** agent 430 associated with the SIM 400 (receiving device) and one **DRM** agent 330 associated with the rendering device 300. During operation, the receiving device typically orders...

15/3,K/10 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01081795 **Image available**
METHOD AND APPARATUS FOR THE FREE LICENSING OF DIGITAL MEDIA CONTENT
PROCEDE ET APPAREIL POUR LA CESSION GRATUITE DES LICENCES PORTANT SUR LE CONTENU DE SUPPORTS NUMERIQUE
Patent Applicant/Assignee:
PIRANHA MEDIA DISTRIBUTION INC, 2158 27th Avenue, San Francisco, CA 94116-1729, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
DONIAN Philip M, 2158 27th Avenue, San Francisco, CA 94116, US, US (Residence), US (Nationality), (Designated only for: US)
HENNEMAN Larry E, 56120 Shady Lane, Three Rivers, MI 49093, US, US (Residence), US (Nationality), (Designated only for: US)
MALIONE Michael M, 311 Wayne Avenue, #3, Oakland, CA 94606, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
HENNEMAN Larry E Jr (et al) (agent), Henneman & Saunders, 714 W. Michigan Avenue, Three Rivers, MI 49093, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200403879 A2-A3 20040108 (WO 0403879)
Application: WO 2003US20184 20030626 (PCT/WO US03020184)
Priority Application: US 2002393193 20020627; US 2002392232 20020627
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK
SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 29722

Fulltext Availability:
Detailed Description

Detailed Description
... use of such media content outside of the player/viewer.
Distributor 120 is free to **permit** this **kind** of **use** on a case by case basis. In this event, the distributor ensures that some mechanism...

...Other software applications may also be permitted such use if they strictly adhere to solid **digital rights** management practices in securing the same data and content as the player/viewer of this...

15/3,K/11 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01066531 **Image available**
SYSTEMS AND METHODS FOR THE PRODUCTION, MANAGEMENT AND SYNDICATION OF THE DISTRIBUTION OF DIGITAL ASSETS THROUGH A NETWORK
SYSTEMES ET PROCEDES POUR LA PRODUCTION, LA GESTION, LA SOUSCRIPTION ET LA DISTRIBUTION DE BIENS NUMERIQUES PAR LE BIAIS D'UN RESEAU
Inventor(s):
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Patent Applicant/Inventor:
OREN Shachar, 3852 Commander Drive, Atlanta, GA 30341, US, US (Residence) , US (Nationality)
Legal Representative:
GOLDMAN Joel S (agent), Goldman IP Law, One Lakeside Commons, Suite 990, 990 Hammond Drive, Atlanta, GA 30328, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200396179 A1 20031120 (WO 0396179)
Application: WO 2003US14588 20030509 (PCT/WO US0314588)
Priority Application: US 2002379661 20020509
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG

SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8241

Fulltext Availability:
Detailed Description

Detailed Description
... least one system and method has been designed for controlling the use and distribution of **digital works** . However, this conventional system and method does not disclose how to handle a wide range...

...users. This conventional system and method lacks a database for metafiles in support of various **digital works** and in support of the association of such **digital works** with each other when the metafiles dictate such association or grouping. Therefore, a need exists...

...formats.

(006) While this conventional system and method may be able to control and distribute **digital works** in some file formats over a network, the files that are controlled and distributed by...

...network.

(007) The conventional systems and methods described above are limited to document publishing and **digital rights** management. Document publishing typically involves a printer or a printer module. The **digital rights** management relies primarily upon the consummation of an e-commerce transaction for **digital works** , specifically music or other electronic files that are purchased for or otherwise accessible after payment...

...lacks any reporting derived from a report database and metafiles in support of a syndicated **digital work** . Thus, using a conventional system and method, content providers their marketing efforts for their digital...

...023) More particularly described, the systems allow one or more owners or managers of a **digital work** to securely and efficiently distribute and administer the use of the **digital work** to multiple business partners (so-called Distribution Network, or Outlets) and ultimately to the consumers...

...network, or other similar systems
7
(024) Such administration includes (i) the posting of a **digital work** onto the distribution system, (ii) the entry of information related to the **digital work** in a fashion that is uniquely conducive for efficient administration of the **digital work** and its related data, (iii) the application of usage rights that are communicated to receiving Outlets and/or to consumers (some of which remain embedded within the

uploaded **digital work** using **digital rights** management applications from third parties), (iv) the assignment of specific distribution avenues for the **digital work** , O.Owhereby selected Outlets are chosen to receive the work throughout the distribution network, and whereby each outlet may have certain unique usage rules specific to the same **digital work** , and whereby the user interface for the delivery of the **digital work** to consumers may differ uniquely per Outlet, and (v) the monitoring of activity related to the **digital work** throughout the distribution life cycle and post end-date, and the generation of analysis data from the system that supports the business needs of the owner or manager of the **digital work** , as well as the business needs of the Outlets that are members of the distribution...

...As described in this specification, a "project" is a folder comprised of several, or multiple " **digital works** " or digital assets. A "project" is further described and illustrated by way of example in...

...period of time (e.g., thirty (30) days). Additional usage rules are available within various **DRM** software for public relations as well as commercial usage and/or e-commerce purposes.

(065...

...where a determination is made as to whether a survey template is applicable on a **pre - license** basis.

That is, is the consumer required to complete a survey as a requirement for...

...to Block 401 of Fig. 4A, if the survey template is not applicable on a **pre - license** basis, Block 407 of Fig. 4A is entered directly. From Block 407 of Fig. 4A...engine or production
20
module, a front-end server, an administrative server, an encoder, a **digital rights** management module, a Windows Media server, a download manager module, a streaming manager module, a...

...iii) specific Outlet ID and the User Interface elements pertaining to each outlet, and (iv) **DRM** usage rules depending on the file delivered and the outlet it is Delivered to.

(097...

...as the following: A "project" is a folder comprised of several, or multiple "digital management (**DRM**) application, its own unique usage rules, and its own user interface elements.

These differences between various **digital works** or digital assets vary according to file format, the nature of the content, and the desire of the content owner. Regardless of such differences between **digital works** or digital assets, all **digital works** or digital assets within a "project" can be delivered to the "outlet" as a part of a particular "project." This can be accomplished by listing all **digital works** or digital assets relating to a particular "project" on the same subject line on the...

...centric" feature for all these methods can be accomplished. The outlet can then choose which **digital works** or digital assets related to each project will be delivered to its consumers. It may then be the case that

all such **digital works** or digital assets, or a selection of **digital works** or digital assets, or only one **digital work** or digital asset are used by the outlet.

The Outlet ftirther controls how such **digital works** or digital assets will be grouped, sorted and displayed to its consumers.

(099) By way...

...a thematic category such as a holiday, a sport, etc. Furthermore, the association of multiple **digital works** or digital assets with one unique "project" can also be accomplished by associating multiple themes ...

15/3,K/12 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00975213 **Image available**
DIGITAL RIGHTS MANAGEMENT IN A MOBILE COMMUNICATIONS ENVIRONMENT
GESTION NUMERIQUE DE DROITS DANS UN ENVIRONNEMENT DE COMMUNICATIONS MOBILES
Patent Applicant/Assignee:
NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo, FI, FI (Residence), FI (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
KONTIO Markku, Makkylanmutka 4D, FIN-02600 Espoo, FI, FI (Residence), FI (Nationality), (Designated only for: US)
SIPPONEN Juha, Katajaharjuntie 7-9 27, FIN-00200 Helsinki, FI, FI (Residence), FI (Nationality), (Designated only for: US)
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HURST Leon, Punavuorenkatu 23 H 171, FIN-00150 Helsinki, FI, FI (Residence), IE (Nationality), (Designated only for: US)
HONGLANG Zhang, 35 Peterson Road, North Andover, MD 01845, US, US (Residence), US (Nationality), (Designated only for: US)
GUSTAFSSON Patrik, 981 Marquette Lane, Foster City, CA 94404, US, US (Residence), FI (Nationality), (Designated only for: US)
DURAND Julian, 151 Caleron Ave, #242, Mountain View, CA 94041, US, US (Residence), CA (Nationality), (Designated only for: US)
ASOKAN Nadarajah, Ankkurinvarsi 6 K, FIN-02320 Espoo, FI, FI (Residence), CA (Nationality), (Designated only for: US)
EKBERG Jan-Erik, Seljatie 1 A 5, FIN-00320 Espoo, FI, FI (Residence), FI (Nationality), (Designated only for: US)
STENMAN Jorma, Myllarintanhua 6 H 27, FIN-00920 Helsinki, FI, FI (Residence), FI (Nationality), (Designated only for: US)
TEINILA Jaakko, Keskiyotie 20 A, FIN-00210 Espoo, FI, FI (Residence), FI (Nationality), (Designated only for: US)
LAHTEENMAKI Mika, Paavo Kolinkatu 1 A 1, FIN-33720 Tampere, FI, FI (Residence), FI (Nationality), (Designated only for: US)
ALVE Jukka, Ida Aalbergintie 3 A I 14, FIN-00400 Helsinki, FI, FI (Residence), FI (Nationality), (Designated only for: US)
KUMAR Ashwini, 111 Locust Street #41, Woburn, MA 01801, US, US (Residence), IN (Nationality), (Designated only for: US)
Legal Representative:
WASZKIEWICZ Ken (agent), c/o Morgan & Finnegan, LLP, 345 Park Avenue, New York, NY 10154, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200305145 A2-A3 20030116 (WO 0305145)

Search Report from Ginger R. DeMille

Application: WO 2002IB2591 20020703 (PCT/WO IB02002591)
Priority Application: US 2001303157 20010706; US 200295062 20020312
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 49980

Fulltext Availability:
Detailed Description
Claims

Detailed Description
.....an offer of consideration to the wireless device, including consideration information obtained from the voucher **server** . The user of the wireless device then sends an acceptance of the consideration to the ...

...agent. The DRM agent then obtains a give voucher for the content from the voucher **server** and forwards it to the wireless device. In accordance with the invention, the give voucher of content **servers** , use information specifying the **type** of **use** intended for the content, restriction information limiting usage of the content, and transaction information about...

...terininal device to enable the terminal device to select one of the plurality of content **servers** and access the content from a selected content **server** , in response to the metadata.

Still further in accordance with the invention, the terininal device... the content in any one of the plurality of content servers, use information specifying the **type** of **use** intended for the content, restriction information limiting usage of the content, and the identity for...

...device. The terminal device is now able to select one of the plurality of content **servers** , and access the content from a selected content **server** , in response to the metadata.
In an alternate embodiment of the invention, the terminal device...

Claim
... the network with the clearinghouse computer in the network;
receiving at the buyer device a **certificate** from the clearinghouse, the **certificate** including a signature verification key for the buyer device and a charge authorization ticket
thatsending from the buyer device to the seller device a copy of the **certificate** and an
offer indication to pay a price to the seller device for the content...

...by the seller device the authenticity and the validity of the offer indication
using the **certificate** ;
receiving at the buyer device from the seller device in the network, a buyer's...transaction information of the seller's primary voucher; said prohibiting being enforced by a compliant **DRM** module operating from within a tarnper-resistant enclosure in the seller device.

35 The method...server, the voucher having
metadata including:
a pointer to the content;
use information specifying the **type** of **use** intended for the content;
restriction infonnation limiting usage of the content; and
transaction information specifying...

...the
content and an identity for the wireless device; and
sending the voucher from the **DRM** agent to the wireless device, to enable the wireless device to access the content from the content **server** , in response to the metadata.

68 A method for enabling a wireless device in ...the give
voucher having metadata including:
a pointer to the content;
use information specifyffig the **type** of **use** intended for the content;
restriction information limiting usage of the content; and
transaction information speci...

...content and an identity for the terminal device; and
sending the give voucher from the **DRM** agent to the wireless device, to enable the wireless device to forward the give voucher...
...the terminal device to enable the terminal device to access the content from the content **server** , in response to the metadata.

69 The method of claim 68, which finther comprises:
receiving...content; and
the identity for the terminal device; and
sending the second voucher from the **DRM** agent to the terminal device to enable the terminal device to access the content from the content **server** in response to the metadata in the second voucher.
1 0 70. The method of claim 68, which Ruther comprises:
receiving the give voucher at a second **DRM** agent from the terminal device; transfon-ning the give voucher into a second voucher at the second **DRM** agent, the
second voucher having metadata including:
a pointer to the content;
1 5 use information specifying the **type** of **use** intended for the content;
restriction information limiting usage of the content; and
the identity for the terminal device; and
sending the second voucher from the second **DRM** agent to the terminal device to enable the terminal device to access the content from the content **server** , in response to the metadata in the second voucher.
71 A ...voucher having
3 0 metadata including:
a pointer to the content;

use information specifying the **type** of **use** intended for the content; restriction information limiting usage of the content; and transaction information specifying...

...and an identity for the wireless device; sending an offer of the consideration from the **DRM** agent to the wireless device; receiving an acceptance of the consideration at the **DRM** agent from the wireless device; and sending the voucher from the **DRM** agent to the wireless device, to enable the wireless device to access the content from the content **server** , in response to the metadata.

72 ...the DRM agent having metadata including: a pointer to the content; use information specifying the **type** of **use** intended for the content; restriction information limiting usage of the content; and transaction infon-nationand said **DRM** agent sending the voucher to the wireless device, to enable the wireless device to access the content from the content **server** , in response to the metadata. . A computer program product for enabling a wireless device in...

...environment to obtain rights to protected content of a digital asset stored in a content **server** , comprising: a computer readable medium; program code in said computer readable medium for receiving a request for content of a digital asset stored in a content **server** in a network, the request being received at a **DRM** agent in the network from ...computer readable medium for requesting information about the content, the request being made by the **DRM** agent to a voucher **server** in the network; I 0 program code in said computer readable medium for receiving the information about the content, including consideration information, received at the **DRM** agent from the voucher **server** ; program code in said computer readable medium for sending an offer of the consideration from the **DRM** agent to the wireless device; 1 5 program code in said computer readable medium for receiving an acceptance of the consideration at the **DRM** agent from the wireless device; program code in said computer readable medium for requesting a voucher for the content, the request being made by the **DRM** agent to the voucher **server** ; program code in said computer readable medium for receiving the voucher at the **DRM** agent from the voucher **server** , the voucher having metadata including: a pointer to the content; use information specifying the **type** of **use** intended for the content; restriction information limiting usage of the content; and transaction information specifying...device; and program code in said computer readable medium for sending the voucher from the **DRM** agent to the wireless device, to enable the wireless device to access the content from the content **server** , in response to the metadata. 3 0 74. A method for distribution of a content...of pointers to the content in the plurality of content servers;

use information specifying the **type** of **use** intended for the content;
1 5 restriction information limiting usage of the content; and
transaction...ID in the metadata; and
said wireless device accessing one of said plurality of content **servers**
, and decrypting said encrypted content with said recovered content key.
97 The system of claim...of pointers to the content in the plurality of
content servers;
use information specifying the **type** of **use** intended ...information
for the wireless device;
said wireless device accessing one of said plurality of content **servers**
in response to
0 the metadata;
said wireless device recovering said content key if said...claim 99,
which further comprises:
said wireless device also having a user ID;
said voucher **serverjoining** said content key with a reference user ID
for the wireless device as a second...

...token to the content; 5 said wireless device accessing one of said
plurality of content **servers** in response to
the metadata;
said wireless device recovering said content key either if ...media ED
for the content;
said wireless device accessing one of said plurality of content **servers**
in response, to
the metadata;
said wireless device ...encrypted content of a digital asset stored in
any one of a plurality of content
servers , comprising:
at least one of a plurality of content **servers** in a network storing
content of a digital
asset encrypted under a content key;
a...

...request to the network for the
content, the request including the public key;
a voucher **server** in the network, forming a key token by encrypting the
content key
with the public key;
said wireless device receiving a voucher from the voucher **server** , the
voucher having
metadata including:
at least one pointer to the content in at least one of the plurality of
content
servers ;
use information specifying the **type** of **use** intended for the content;
restriction information limiting usage of the content; and
transaction information including...
...wireless device's private key;
said wireless device accessing one of said plurality of content **servers**
using said
metadata; and
said wireless device decrypting said encrypted content with said
recovered content in any one of a plurality of content
servers , comprising:
at least one of a plurality of content **servers** in a network storing
content of a digital
asset encrypted under a content key;

a...

...request to the network for the
5 content, the request including the public key;
voucher **server** in the network, forming a key token by encrypting the content key
with the public key;
a **DRM** agent in the network, which forwards the request to the voucher **server** ; said wireless device receiving an offer of consideration from the DRA4 agent, including consideration information obtained by the **DRM** agent from the voucher **server** ; said wireless device sending an acceptance of the consideration to the **DRM** agent,
which obtains a voucher for the content from the voucher **server** ;
said voucher **server** forming a key token in the voucher by encrypting the content
key with the public...

...least one pointer to the content in at least one of the plurality of content
servers ;
use information specifying the **type** of **use** intended for the content;
restriction infon-nation limiting usage of the content; ...wireless device's private key;
said wireless device accessing one of said plurality of content **servers** using said
metadata; and
said wireless device decrypting said encrypted content with said recovered content...

...encrypted content of a digital asset stored in any one of a plurality of content
servers , comprising:
at least one of a plurality of content **servers** in a network ...a request to the network for the
content, the request including the public key;
voucher **server** in the network, forming a key token by encrypting the content key
with the public key;
5 said voucher **server** storing the key token with the encrypted content in at least one of
the plurality of content **servers** in the network;
said wireless device receiving a voucher fi-om the voucher **server** , the voucher having
metadata including:
at least one pointer to the content in at least one of the plurality of content
servers ;
use information specif
@ing the **type** of **use** intended for the content;
restriction information limiting usage of the content; and
transaction information;
said wireless device accessing one of said plurality of content **servers** using said
metadata;
said wireless device recovering said content key by decrypting the key token asset stored in any one of a plurality of content
servers , comprising:
at least one of a plurality of content **servers** in a network storing

content of a digital
asset encrypted under a content key;
a...

...a request to the network for the
content, the request including the public key;
a **DRM** agent in the network, which receives the request;
said wireless device receiving an offer of consideration from the **DRM**
agent, including consideration information obtained by the **DRM** agent
from the voucher **server** ; said wireless device sending an acceptance of
the consideration to the **DRM** agent,
0 which obtains a voucher for the content from the voucher **server** ;
said voucher **server** forming a key token by encrypting the content key
with the public key and storing...

...key token with the encrypted content in at least one of the
plurality of content **servers** in the network;
said wireless device receiving the voucher at the wireless device, the
voucher...
...least one pointer to the content in at least one of the plurality of
content
servers ;
use information specifying the **type** of **use** intended for the content;
restriction infon- ...the content; and
transaction information;
said wireless device accessing one of said plurality of content **servers**
using said
metadata;
said wireless device recovering said content key by decrypting the key
token...

...encrypted content of a digital asset stored in any one of a plurality of
content
servers , comprising:
at least one of a plurality of content **servers** in a ...a shared
symmetric key, sending a request to the network
for the content;
a voucher **server** in the network, fonning a key token by encrypting the
content key
with the shared symmetric key;
said wireless device receiving a voucher from the voucher **server** , the
voucher having
metadata including:
at least one pointer to the content in at least one of the plurality of
content
servers ;
use information specifying the **type** of **use** intended for the content;
0 restriction information limiting usage of the content; ...device's
shared symmetric key;
said wireless device accessing one of said plurality of content **servers**
using said
5 metadata; and
said wireless device decrypting said encrypted content with said
recovered...

...encrypted content of a digital asset stored in any one of a plurality of
content
servers , comprising:

at least one of a plurality of content **servers** in a network storing content of a digital
asset encrypted under a content key;
a...
...having a shared symmetric key, sending a request to the network for the content;
a **DRM** agent in the network, which receives the request;
said wireless device receiving an offer of consideration from the **DRM** agent, including consideration infbrmation obtained by the **DRM** agent from a voucher **server** ; said wireless device sending an acceptance of the consideration to the **DRM** agent,
0 which obtains a voucher for the content from the voucher **server** ;
said voucher **server** forming a key token in the voucher ...least one pointer to the content in at least one of the plurality of content **servers** ;
use information specifying the **type** of **use** intended for the content;
restriction infonnation limiting usage of the content; and
transaction information including...

...device's shared symmetric key;
said wireless device accessing one of said plurality of content **servers** using said
I 0 metadata; and
said wireless ...encrypted content of a digital asset stored in any one of a plurality of content
servers , comprising:

Search Report from Ginger R. DeMille

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? show files;ds
File  15:ABI/Inform(R) 1971-2004/Aug 30
         (c) 2004 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2004/Aug 30
         (c) 2004 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2004/Aug 30
         (c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Aug 30
         (c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Aug 30
         (c) 2004 The Gale Group
File   9:Business & Industry(R) Jul/1994-2004/Aug 27
         (c) 2004  The Gale Group
File  20:Dialog Global Reporter 1997-2004/Aug 30
         (c) 2004 The Dialog Corp.
File 476:Financial Times Fulltext 1982-2004/Aug 30
         (c) 2004 Financial Times Ltd
File 610:Business Wire 1999-2004/Aug 30
         (c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Aug 30
         (c) 2004 PR Newswire Association Inc
File 634:San Jose Mercury  Jun 1985-2004/Aug 28
         (c) 2004 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2004/Aug 30
         (c) 2004 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File  13:BAMP 2004/Aug W4
         (c) 2004  The Gale Group
File  75:TGG Management Contents(R) 86-2004/Aug W4
         (c) 2004 The Gale Group
File  95:TEME-Technology & Management 1989-2004/Jun W1
         (c) 2004 FIZ TECHNIK

Set      Items   Description
S1       47615   DRM OR DIGITAL(1W)RIGHTS OR DIGITAL(2W)WORK? ?
S2      314949   (TYPE OR KIND OR CATEGORY OR CLASS OR CLASSIFICATION OR RO-
             LE OR RULE OR HOW)(2W)(USE OR USED OR USAGE)
S3     3071346   LICENSE OR CERTIFICATE? ? OR LICENSES OR PERMIT
S4         311   PRE()S3 OR (PREISSUA? OR PREISSUING OR PRE()ISSUA? OR PRE(-
             )ISSUING OR (DISTRIBUT? OR ISSUING)(5W)BEFORE)(5W)CONTENT
S5         844   S1 AND S2
S6          13   S1 AND S4
S7         857   S5 OR S6
S8         162   S1(S)S2
S9          16   S3(S)S8
S10          0   S4(S)S9
S11         29   S6 OR S9
S12         15   RD (unique items)
S13          7   S12 NOT PY>2001
S14          7   RD (unique items)
S15          9   S8(S)(REPOSITORY OR DATABASE? OR DATA()BASE OR SERVER?)
S16          0   S8(S)ARCHIVE?
S17          3   S15 NOT PY>2001
S18          3   RD (unique items)
?
```

read S14

read S18

130-Aug-0404:26 PM

Search Report from Ginger R. DeMille

? t14/3,k/all

14/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07975834 Supplier Number: 66622641 (USE FORMAT 7 FOR FULLTEXT)
Reciprocal and Advanced Marketing Services, Inc. Enter Into an Agreement to Create a Secure Virtual Wholesaler for Digital Content.
PR Newswire, pNA
Nov 6, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 912

... eBooks and Digital Content
NEW YORK, Nov. 6 /PRNewswire/ --
Reciprocal, Inc., the global leader in **digital rights** management (**DRM**) and digital commerce services, and Advanced Marketing Services (Nasdaq: ADMS) (AMS), a leading global provider...

...from retail web sites. Reciprocal(TM) will be enabling AMS as a virtual warehouse, providing **DRM** technology and digital clearinghouse services to facilitate the distribution of digital content on the Internet. AMS is actively acquiring **digital** distribution **rights** to many of the most popular and useful eBook titles from the existing publishers with...
...AMS' reputation for the highest customer service levels combined with Reciprocal's expertise in providing **digital rights** management solutions hails the beginning of secure mass distribution of eBooks through major business and...

...concluded, "Reciprocal offers us the best tools to do this, allowing us to customize a **DRM** solution that will meet the needs of publishers and retailers, and will meet these needs...

...platforms and ultimately accelerate growth in the eBooks market."
Advanced Marketing Services expects to be **distributing content before** the end of the year.
About Advanced Marketing Services
Advanced Marketing Services, Inc. is a...

...SAM'S Club, Staples and The Borders Group.
About Reciprocal
Reciprocal, the global leader in **digital rights** management and digital commerce services, provides comprehensive, easy-to-implement e-commerce clearing services and...

...software, film, entertainment, and other digital content industries. Reciprocal offers content owners a true outsourced **DRM** solution that allows them to realize new revenue streams while efficiently protecting their online digital assets.
The Reciprocal(TM) Digital Clearing Service leverages leading **DRM** technology from InterTrust Technologies Corporation, Microsoft Corp., IBM, ContentGuard, Inc., Adobe Systems Incorporated, and Preview...

...Entertainment, Zomba Music Group, Houghton Mifflin, Reuters and Aberdeen Group have selected Reciprocal as their **digital rights** management services provider. Privately held, Reciprocal maintains offices in

Buffalo, NY, London, New York City...

14/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07975828 Supplier Number: 66622633 (USE FORMAT 7 FOR FULLTEXT)
Advanced Marketing Services, Inc. and Reciprocal Enter Into an Agreement To Create a Secure Virtual Wholesaler for Digital Content.
PR Newswire, pNA
Nov 6, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 981

... U.S., Canada, Mexico, United Kingdom and Australia, and Reciprocal, Inc., the global leader in **digital rights** management (**DRM**) and digital commerce services, today announced an agreement which will permit AMS to mass market...

...from retail web sites. Reciprocal(TM) will be enabling AMS as a virtual warehouse, providing **DRM** technology and Digital Clearinghouse services to facilitate the distribution of digital content on the Internet. AMS is actively acquiring **digital** distribution **rights** to many of the most popular and useful e-book titles from the existing publishers...

...AMS' reputation for the highest customer service levels combined with Reciprocal's expertise in providing **digital rights** management solutions hails the beginning of secure mass distribution of e-books through major business...

...concluded, "Reciprocal offers us the best tools to do this, allowing us to customize a **DRM** solution that will meet the needs of publishers and retailers, and will meet these needs...

...platforms and ultimately accelerate growth in the eBooks market."
Advanced Marketing Services expects to be **distributing content before** the end of the year.
About Advanced Marketing Services
Advanced Marketing Services, Inc. (Nasdaq: ADMS...

...SAM'S Club, Staples and The Borders Group.
About Reciprocal
Reciprocal, the global leader in **digital rights** management and digital commerce services, provides comprehensive, easy-to-implement e-commerce clearing services and...

...software, film, entertainment, and other digital content industries. Reciprocal offers content owners a true outsourced **DRM** solution that allows them to realize new revenue streams while efficiently protecting their online digital assets.
The Reciprocal(TM) Digital Clearing Service leverages leading **DRM** technology from InterTrust Technologies Corporation, Microsoft Corp., IBM, ContentGuard, Inc., Adobe Systems Incorporated, and Preview...

...Entertainment, Zomba Music Group, Houghton Mifflin, Reuters and Aberdeen Group have selected Reciprocal as their **digital rights** management

services provider. Privately held, Reciprocal maintains offices in Buffalo, NY, London, New York City...

14/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07299399 Supplier Number: 61862732 (USE FORMAT 7 FOR FULLTEXT)
DRM Companies Jostle For Identities.(digital rights management)
GARRITY, BRIAN
Billboard, v112, n16, p1
April 15, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; General
Word Count: 1431

... and operate more discreetly.
In the un-tethered model, promoted by InterTrust, consumers store the **licenses** on their computer and are able to make purchases offline; payment is made at a...song-by-song basis or on a subscription basis. The trade-off is that the **DRM** is a more complex application that takes up more memory and requires consumers to learn **how** to **use** it.
"It requires people to change how they think about buying stuff," says Joe Jennings...

14/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07223613 Supplier Number: 61536074 (USE FORMAT 7 FOR FULLTEXT)
Bertelsmann Shopping?(International Pages)
GARRITY, BRIAN; SPAHR, WOLFGANG; Lofthus, Kai R.
Billboard, v112, n14, p1
April 1, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; General
Word Count: 1228

... via its various media properties.
AOL and Bertelsmann also said they will work together on **digital rights** management, including "evaluating InterTrust and Reciprocal for secure downloading and financial clearing of all digital...

...saturation of the market in the summer or fall, and a wide range of digitally **distributed** music **content** will be available **before** the Christmas season begins."
BMG Classics, Windham Hill To Be Combined Under RCA
BMG Entertainment...

14/3,K/5 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

09446627 SUPPLIER NUMBER: 19348130
The many changing faces of type.(the advent of digital typefaces)

Search Report from Ginger R. DeMille

Nadin, Mihai
Graphis, v53, n308, p110(1)
March-April, 1997
ISSN: 0017-3452 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: used to reflect other textual media, including neon road signage, rubber stamps, facsimiles, bar coding, **license** plates, and scribbling.

14/3,K/6 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

11396725 (USE FORMAT 7 OR 9 FOR FULLTEXT)
RTFM - Locking up e-business transactions.
David Cartwright.
NETWORK NEWS, p34
June 07, 2000
JOURNAL CODE: WNNS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1387

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 443 rather than the normal port 80. Compliant browsers can understand what certificates are, and **how** to **use** them to check that the server is behaving correctly.
Web server owners must apply to...

14/3,K/7 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2004 Business Wire. All rts. reserv.

00629279 20011203337B2318 (USE FORMAT 7 FOR FULLTEXT)
LinuxWorld Conference Program to Deliver Valuable ROI to Users of Open Source; Linux Community Luminaries Will Offer Essential Education and Training
Business Wire
Monday, December 3, 2001 08:37 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 941

...on
our freedoms. Specifically, Perens will take a closer look at the "protected boot," a **digital rights** management strategy that will prevent Open Source software from running on new consumer equipment. This...

...00 am.
- Linux at the Major Film Studios, also presented by Perens, which will explore **how** Linux is **used** in major film studios such as Pixar and DreamWorks, as well as how Linux fits...

...Mono project, an effort to
replicate chunks of Microsoft's .Net infrastructure under a free **license** . Attendees will learn about the importance of standards, the elegance of C#, why an integrated...

?

430-Aug-0404:10 PM

Search Report from Ginger R. DeMille

? t18/3,k/all

18/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

06524286 Supplier Number: 55298747 (USE FORMAT 7 FOR FULLTEXT)
Are you clicked on to a world of possibilities?; Understanding the technology behind the implementation of a Web site versus traditional marketing skills to create success - for companies venturing into E-commerce, getting the balance right is what matters.
Reed, David
Precision Marketing, p19(1)
July 5, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1663

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...worldbook.co.uk, for IBM, selling its World Bookencyclopaedia.(Globally, this is the number one **digital** reference **work** , but it has beeneclipsed in the UK by Microsoft's Encarta, which is bundled with Windows.)Clients have evidently not yet got a clear vision of what **type** of agencyto **use** . Pitch lists are likely to be very varied. "We come across lots ofdifferent groups when...us to move into that space,"says Richard Marshall, Tullo Marshall Warren managing director.The **databases** created within Web sites, of browsers' interests andnavigation through the content, can be used in the same way as existingmarketing **databases** , just in real time, he says.The biggest barrier to adding this area of skill...

18/3,K/2 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.

3299113 Supplier Number: 03299113 (USE FORMAT 7 OR 9 FOR FULLTEXT)
DigitalOwl Keeps a Watchful Eye
(DigitalOwl offers client/ server DRM server **called KineticEdge, suite of products that tracks** how **documents are** used **)**
Online Reporter, n 273, p N/A
November 19, 2001
DOCUMENT TYPE: Newsletter (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 331

(DigitalOwl offers client/ server DRM server **called KineticEdge, suite of products that tracks** how **documents are** used **)**

TEXT:
...a client/server DRM server called KineticEdge. It's a suite of products that tracks **how** documents are **used** . The system is designed to work between two companies: one a provider, the other a subscriber. **Server** software is installed on a Unix or Windows computer and uses the subscriber's LAN...

18/3,K/3 (Item 1 from file: 20)

Search Report from Ginger R. DeMille

DIALOG(R)File 20:Dialog Global Reporter

11396725 (USE FORMAT 7 OR 9 FOR FULLTEXT)
RTFM -- Locking up e-business transactions.
David Cartwright.
NETWORK NEWS, p34
June 07, 2000
JOURNAL CODE: WNNS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1387

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 443 rather than the normal port 80. Compliant browsers can understand what certificates are, and **how** to **use** them to check that the **server** is behaving correctly.

Web server owners must apply to a certification authority (CA) to purchase...

Search Report from Ginger R. DeMille

```
? show files;ds
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200455
         (c) 2004  Thomson Derwent
File 344:Chinese Patents Abs Aug 1985-2004/May
         (c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)
         (c) 2004 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.
File   2:INSPEC 1969-2004/Aug W4
         (c) 2004 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2004/Jul
         (c) 2004 ProQuest Info&Learning
File  65:Inside Conferences 1993-2004/Aug W4
         (c) 2004 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul
         (c) 2004 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File 256:TecInfoSource 82-2004/Jul
         (c)2004 Info.Sources Inc
File 474:New York Times Abs 1969-2004/Aug 29
         (c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Aug 27
         (c) 2004 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group

Set     Items   Description
S1       2689   DRM OR DIGITAL(1W)RIGHTS OR DIGITAL(2W)WORK? ?
S2      64218   (TYPE OR KIND OR CATEGORY OR CLASS OR CLASSIFICATION OR RO-
             LE OR RULE OR HOW)(2W)(USE OR USED OR USAGE)
S3     282465   LICENSE OR CERTIFICATE? ? OR LICENSES OR PERMIT
S4          8   PRE()S3 OR (PREISSUA? OR PREISSUING OR PRE()ISSUA? OR PRE(-
              )ISSUING OR (DISTRIBUT? OR ISSUING)(5W)BEFORE)(5W)CONTENT
S5         14   S1 AND S2
S6          1   S1 AND S4
S7         15   S5 OR S6
? t7/4/all

 7/4/1     (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004  Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2003-710205/200367|
XR- <XRPX> N03-567788|
TI- Media data set access control method for dynamically expanding  digital
      rights  management system, involves granting desired type of access,
    in response to authorization received when set of usage conditions are
    satisfied|
PA- INT BUSINESS MACHINES CORP (IBMC  )|
AU- <INVENTORS> CONTESSA L; KOEPPEN E; MAHLBACHER J C; MEDINA D; NUSSER S|
NC- 001|
NP- 001|
PN- US 20030140243 A1 20030724 US 200251344   A  20020118 200367 B|
AN- <LOCAL> US 200251344 A 20020118|
AN- <PR> US 200251344 A 20020118|
LA- US 20030140243(14)|
```

real (S7)

AB- <PN> US 20030140243 A1|
AB- <NV> NOVELTY - An authorization for a desired type of access to the media data set (104), is requested through an associated extension right control module (106). The requested authorization is received from the control module, when a set of usage conditions for the desired type of access, are satisfied. The desired type of access is granted, in response to the receipt of the authorization.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
(1) system for controlling access to media data set; and
(2) computer-readable medium storing media data set access controlling program.
USE - For controlling access to media data set in dynamically expanding **digital rights** management (**DRM**) system.
ADVANTAGE - Provides flexibility to digital multi-media copyright holders in defining the **type** of **usage** rights granted to the media.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the dynamically expanding **digital rights** management system.
DRM core (102)
media data set (104)
digital property right (DPR) extension module (106)
pp; 14 DwgNo 1/5|
DE- <TITLE TERMS> MEDIUM; DATA; SET; ACCESS; CONTROL; METHOD; DYNAMIC; EXPAND; DIGITAL; MANAGEMENT; SYSTEM; TYPE; ACCESS; RESPOND; AUTHORISE; RECEIVE; SET; CONDITION; SATISFY|
DC- T01|
IC- <MAIN> H04L-009/00|
MC- <EPI> T01-N01D1; T01-N02B1; T01-S03|
FS- EPI||

7/4/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 2003-331549/200331|
DX- <RELATED> 2002-538578; 2003-059442; 2003-059785; 2003-059790; 2003-068310; 2003-076047; 2003-076048; 2003-076049; 2003-148585; 2003-167810; 2003-329993; 2003-370876; 2003-441965; 2003-441966; 2003-441970; 2003-679985; 2003-787579; 2004-035482; 2004-120954; 2004-441019|
XR- <XRPX> N03-265642|
TI- **Digital rights** management system for content usage management, issues distribution license using distributor rights and **distribution** key in rights label, **before** generation of **content** of future event|
PA- CONTENTGUARD HOLDINGS INC (CONT-N)|
AU- <INVENTORS> B H B; CHEN E; JOSHI C V; KANSAL A; KANUNGO D; LAO G; NAHIDIPOUR A; PADHYE T N; RALEY M; RAY A; ROOPA M S; TA T; TADAYON B; WANG X|
NC- 001|
NP- 001|
PN- US 20030023564 A1 20030130 US 2001867747 A 20010531 200331 B
<AN> US 2001296114 P 20010607
<AN> US 2001296116 P 20010607
<AN> US 2001297239 P 20010612
<AN> US 2002162699 A 20020606|
AN- <LOCAL> US 2001867747 A 20010531; US 2001296114 P 20010607; US 2001296116 P 20010607; US 2001297239 P 20010612; US 2002162699 A

20020606|
AN- <PR> US 2002162699 A 20020606; US 2001867747 A 20010531; US 2001296114 P 20010607; US 2001296116 P 20010607; US 2001297239 P 20010612|
FD- US 20030023564 A1 G06F-017/60 CIP of application US 2001867747
Provisional application US 2001296114
Provisional application US 2001296116
Provisional application US 2001297239|
LA- US 20030023564(22)|
AB- <PN> US 20030023564 A1|
AB- <NV> NOVELTY - A license server (50) uses a public key to encrypt a distribution key in a rights label (40). The server issues a distribution license and a consumer license, using distributor rights, consumer rights and the **distribution** key in the rights label, **before** the generation of **content** of future event.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for content usage management method.
USE - For managing usage of content including audio file, video file, digital multimedia file, text file, code and document distributed through internet.
ADVANTAGE - Allows protection of content such as broadcast of future live event, and allows distribution of licenses in advance of the event. The rights assignment process is made flexible and dynamic and is made in real-time. Reduces traffic of website or other distribution device.
DESCRIPTION OF DRAWING(S) - The figure shows the **digital rights** management system.
rights label (40)
license server (50)
pp; 22 DwgNo 1/11|
DE- <TITLE TERMS> DIGITAL; MANAGEMENT; SYSTEM; CONTENT; MANAGEMENT; ISSUE; DISTRIBUTE; LICENCE; DISTRIBUTE; DISTRIBUTE; KEY; LABEL; GENERATE; CONTENT; FUTURE; EVENT|
DC- T01; W01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-D01; T01-N02B1B; T01-N03A1A; W01-A05A; W01-A05B|
FS- EPI||

7/4/3 (Item 1 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2004 JPO & JAPIO. All rts. reserv.|
TI- INTEGRATED SYSTEM FOR MANAGING CONTENTS DISTRIBUTION
PN- 2003-345763 -JP 2003345763 A-
PD- December 05, 2003 (20031205)
AU- FUJII HIROSHI; ABE TAKEHITO; YAMAMOTO RYUJI; TANAKA HIROMASA
PA- NIPPON TELEGR & TELEPH CORP (NTT)
AN- 2002-154182 -JP 2002154182-
AN- 2002-154182 -JP 2002154182-
AD- May 28, 2002 (20020528)
G06F-015/00; G06F-012/14; G06F-017/60
AB- PROBLEM TO BE SOLVED: To process contents encapsulation with a unified method and to easily introduce a new **DRM** (**digital rights** management) system in encapsulating contents with a plurality of different DRMs. SOLUTION: A contents distribution management integrated system is provided with: an IPR-DB; a contents DB; a plurality of encapsulation programs corresponding to **DRM** types; a plurality of **DRM** adapters for respectively accessing the plurality of encapsulation programs, making the plurality of encapsulation programs perform encapsulation processing and outputting encapsulated

contents to the contents DB; a **DRM** integrating part for determining a **DRM** **type** **used** in encapsulation and an attribute, a use condition and right information set in the encapsulation on the basis of the attribute, use condition and right information stored in the IPR-DB, accessing a corresponding **DRM** adapter and making the corresponding **DRM** adapter perform encapsulation processing under this condition; and a control means for managing the IPR-DB, contents DB and **DRM** integrating part, designating a contents ID to access the **DRM** integrating part and instructing the **DRM** integrating part to encapsulate corresponding contents. COPYRIGHT: (C)2004,JPO

7/4/4 (Item 1 from file: 2)

FN- DIALOG(R)File 2:INSPEC|
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|
AZ- 8021902|
AZ- <INSPEC> C2004-08-0230B-020|
TI- The technical and legal dangers of code-based fair use enforcement|
AU- ERICKSON, J.S.; MULLIGAN, D.K.|
CS- Digital Media Syst. Program, Hewlett-Packard Labs., Norwich, VT, USA|
JN- Proceedings of the IEEE|
CP- USA|
VL- vol.92, no.6|
PG- 985-96|
PY- 2004|
CO- IEEPAD|
SN- 0018-9219|
CD- <US COPYRIGHT CLEARANCE CENTER CODE> 0018-9219/04/$20.00|
PU- IEEE
DT- Journal Paper (JP)|
LA- English|
TC- Practical (P)|
MI- P019-2004-006|
RF- 34|
AB- **Digital** **rights** management (**DRM**) mechanisms, built upon trusted computing platforms, promise to give content providers the ability to impose rules reliably and deterministically on end-user experiences with information resources ranging from literary works and scholarly publications to a vast array of entertainment content. **DRM** represents just the first wave of a class of technologies that aspire not only to implement copyright-protecting usage controls on computing devices, but increasingly to take on the enforcement of a broader set of organizational and public policies. The paper focuses on policy enforcement in the specific context of content use. It reviews the concepts and architecture of policy specification and enforcement, citing examples from the special case of **DRM** , and provides a detailed discussion of **how** **usage** control policies are evaluated in **DRM** systems. Since the expression and interpretation of policies is only one "layer" of the general problem of persistent policy enforcement, we consider the role that trusted computing systems can play in ensuring that computing agents interpret policies in reliable and deterministic ways. Finally, we consider the challenges inherent in the construction of technical mechanisms that mimic social policies.|
DE- copyright; law; security of data|
ID- code-based fair use enforcement; **digital** **rights** management; **DRM** ; content providers; literary works; scholarly publications; entertainment content; copyright-protecting usage controls; policy enforcement; policy specification; computing agents; social policies;

copyright law|
IC- 0018-9219(200406)92:6L.985:TLDC;1-H|
SF- C|
CC- C0230B (Legal aspects of computing); C6130S (Data security)||
CG- Copyright 2004, IEE|

7/4/5 (Item 2 from file: 2)
FN- DIALOG(R)File 2:INSPEC|
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|
AZ- 7891951|
AZ- <INSPEC> C2004-04-6130S-167|
TI- Towards meeting the privacy challenge: adapting **DRM** |
AU- Korba, L.; Kenny, S.|
CS- National Res. Council of Canada, Ottawa, Alta., Canada|
AU- <EDITOR> Feigenbaum, J.|
CP- Germany|
PG- 118-36|
PY- 2003|
CT- Digital Rights Management. ACM CCS-9 Workshop, DRM 2002. Revised Papers (Lecture Notes in Comput. Sci. Vol.2696)|
CT- Digital Rights Management. ACM CCS-9 Workshop, DRM 2002. Revised Papers |
CL- Washington, DC, USA|
CY- 18 Nov. 2002|
PU- Springer-Verlag Berlin, Germany|
PG- x+220|
BN- 3 540 40410 4|
DT- Conference Paper (PA)|
LA- English|
TC- Practical (P)|
MI- XX-2003-02485|
RF- 9|
AB- Achieving the privacy needs for applications as expressed in law is complex. Currently there is no commonly accepted technical approach for meeting these privacy requirements. An often-fruitful way for uncovering solutions to challenges such as this is to examine **how** technologies **used** in quite different applications may be adapted for the purpose. In this paper, we examine the prospect of adapting systems designed for **Digital Rights** Management for the purpose of Privacy Rights Management for European Community. We begin by outlining the legal requirements for privacy under the European Union Data Directive. After an overview of **digital rights** management systems, we describe adaptations for transforming a **DRM** system into a privacy rights management system. We also detail the strengths and weaknesses of this approach.|
DE- adaptive systems; copyright; data privacy|
ID- **DRM** ; **digital rights** management; adapting system; privacy rights management; European Community; European Union Data Directive|
SF- C|
CC- C6130S (Data security); C0230B (Legal aspects of computing)||
CG- Copyright 2004, IEE|

7/4/6 (Item 3 from file: 2)
FN- DIALOG(R)File 2:INSPEC|
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|
AZ- 7732976|
TI- Using evidence effectively|

AU- Stephenson, P.|
JN- Computer Fraud & Security|
CP- UK|
PG- 17-19|
PY- 2003|
CO- CFSEFU|
SN- 1361-3723|
CD- <US COPYRIGHT CLEARANCE CENTER CODE> 1361-3723/03/$30.00|
PU- Elsevier
DT- Journal Paper (JP)|
LA- English|
TC- Practical (P)|
MI- F117-2003-003|
AB- This is a good time to digress a little and consider **how** we may **use** the evidence we have collected, normalized and deconflicted. The presentation of evidence, especially complex evidence, requires a bit of art in itself. Most experts agree that the use of graphics is usually the best way to present technical evidence to a lay jury. In the past several issues we have performed some fairly complex tasks and those tasks, difficult in some cases for practitioners, may be completely incomprehensible to a jury. Among other tasks that we set for ourselves was the discovery of a complete end-to-end analysis of a set of events that, eventually, resulted in a computer-related crime against some victim computer. Assuming that the end-to-end digital investigation (EEDI) is ready to present, how should we do that? In my experience, the best way to present EEDI evidence is the same as the easiest way (or ways) to visualize it from the perspective of the practitioner: in a sequence of events laid out on a timeline.|
DE- computer crime; legislation|
ID- evidence; graphics; computer crime; **Digital** Forensics Research **Work** Shop; timeline; end-to-end digital investigation|
SF- D|
CC- D1060 (Security aspects of IT); D1050 (Legal requirements of IT)||

7/4/7 (Item 4 from file: 2)
FN- DIALOG(R)File 2:INSPEC|

AZ- 7535921|
AZ- <INSPEC> B2003-03-6120D-068; C2003-03-6130S-133|
TI- Aspects of **digital** **rights** management and the use of hardware security devices|
AU- Kravitz, D.W.|
CS- Wave Syst. Corp., Princeton, NJ, USA|
AU- <EDITOR> Syverson, P.F.|
SP- Bibit Internet Payments; CertCo; Certicom; Hush Commun.; IBM; InterTrust STAR Lab.; et al|
CP- Germany|
PG- 54-8|
PY- 2002|
CT- Financial Cryptography. 5th International Conference, FC 2001. Proceedings (Lecture Notes in Computer Science Vol.2339)|
CT- Financial Cryptography. 5th International Conference, FC 2001. Proceedings|
CL- Cayman Islands|
CY- 19-22 Feb. 2001|
PU- Springer-Verlag Berlin, Germany|
PG- ix+377|

BN- 3 540 44079 8|
DT- Conference Paper (PA)|
LA- English|
TC- General, Review (G)|
MI- XX-2002-03631|
RF- 7|
AB- The paper studies conditional access (CA) and **how** it is **used** to control content while attracting customers and earning revenue. A conditional access module, or CAM, decrypts (or descrambles) content using its knowledge of conditional access keys. The CA-descrambled content is communicated to a set-top box (STB) to enable display. Piracy off the legitimate infrastructure can be made substantially more difficult by measures such as: pairing STBs to CAM IDs; enforced licensing of proprietary STB technology; auditability of CAMs by the service provider backend; a capability for CAM renewal by distributing upgraded units which can be installed by consumers via an accessible slot in the STB. As a detection mechanism for cloned or counterfeit STBs, a pairing between the STB and CAM can be initiated through communication with the service provider and used to lend assurance to a compliant CAM that it is communicating (valuable usable-form content) to only an approved STB unit or used to revoke an STB unit by notifying the CAM that it should suspend communication to that unit. One of the functions of a **digital rights** management (**DRM**) system, and of a CAM, in particular, is to handle the logging of content access as part of billing policy.|
DE- cryptography; industrial property; security of data|
ID- **digital rights** management; hardware security devices; conditional access module; decryption; conditional access keys; set-top box; licensing; CAM auditability; service provider backend; billing; content access|
SF- B C|
CC- B6120D (Cryptography); C6130S (Data security); C0230B (Legal aspects of computing)||
CG- Copyright 2003, IEE|

7/4/8 (Item 5 from file: 2)
FN- DIALOG(R)File 2:INSPEC|
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|
AZ- 6691995|
AZ- <INSPEC> C2000-10-0310D-005|
TI- Forensic computer analysis: an introduction|
AU- Farmer, D.; Venema, W.|
JN- Dr. Dobb's Journal|
CP- USA|
VL- vol.25, no.9|
PG- 70, 72-5|
PY- 2000|
CO- DDJSDM|
SN- 1044-789X|
PU- Miller Freeman
DT- Journal Paper (JP)|
LA- English|
TC- General, Review (G)|
MI- B719-2000-008|
RF- 0|
AB- This article's prime goal is to illustrate the reconstruction of past events with as little distortion or bias as possible. We don't discuss real crimes, however (other than a few technical homicides inflicted on

code by vendors); indeed, we only rarely discuss computer crimes at all. If we were choosing titles for this discussion, "virtual archeology", "time traveling" or " **digital** detective **work** " could all be used fairly interchangeably. However, many analogies can be drawn from the physical to the virtual realms of detective work. The digital analogs to physical detective work are precisely what we suggest when faced with a computer investigation. The intended focus of this article is the thought process occurring behind the scenes, not simply the coding details or **how** to **use** the programs.|
DE- computer crime; program diagnostics; reverse engineering|
ID- forensic computer analysis; past event reconstruction; computer crime; virtual archeology; **digital** detective **work** ; computer investigation; thought process; coding details|
IC- 1044-789X(200009)25:9L.70:FCAI;1-0|
SF- C|
CC- C0310D (Computer installation management); C0230 (Economic, social and political aspects of computing); C6150G (Diagnostic, testing, debugging and evaluating systems); C6110 (Systems analysis and programming)||

7/4/9 (Item 6 from file: 2)
FN- DIALOG(R)File 2:INSPEC|

AZ- 02465929|
AZ- <INSPEC> A85062950; B85038247|
TI- The effect of diagnostic type X-rays on CMOS circuitry|
AU- Myatt, J.|

CS- Div. of Instrum. & Appl. Phys., AERE, Harwell, UK|
SP- IEE|
CP- UK|
PG- 10/1-5|
PY- 1985|
CT- IEE Colloquium on Electromagnetic Interference and Cardiac Pacemakers (Digest No.7)|
CL- London, UK|
CY- 22 Jan. 1985|
PU- IEE London, UK|
PG- 54|
DT- Conference Paper (PA)|
LA- English|
TC- Experimental (X)|
RF- 7|
AB- This study was undertaken to answer some of the queries raised concerning the potential of diagnostic X-ray irradiation causing failure of heart pacemakers based on **digital** circuitry. The **work** was in two parts. An initial literature search was followed by a small experimental study in which 'state-of-the-art' digital watch circuits were irradiated with up to 330 rads at energies of 46, 114, and 141 keV. These were chosen because of their availability, built in facilities by which their function could be tested, and similarity to the **type** of circuit **used** in programmable heart pacemakers. The conclusion was that X-rays used for diagnostic purposes were unlikely to affect the performance of this type of circuit in any way. It was accepted, however, that the far higher doses administered for therapeutic purposes could cause circuit malfunctions. To assess the probability of a given digital pacemaker malfunctioning, samples of that particular type would have to be irradiated at the relevant dose.|

DE- CMOS integrated circuits; diagnostic radiography; digital integrated circuits; electromagnetic interference; pacemakers|
ID- diagnostic type X-rays; CMOS circuitry; heart pacemakers; digital circuitry; digital watch circuits; programmable heart pacemakers; therapeutic purposes; circuit malfunctions|
SF- A B|
CC- A8760J (Corpuscular radiation and radioisotopes); A8770E (Diagnostic methods and instrumentation); A8770J (Prosthetics and other practical applications); B2570D (CMOS integrated circuits); B5230 (Electromagnetic compatibility and interference); B7510B (Radiation and radioactivity applications); B7520E (Prosthetics and orthotics)||

7/4/10 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01983398 ORDER NO: AADAA-I3111702
Haptic interactions for audio navigation

Recent studies in haptics have shown that force-feedback interfaces can improve user efficiency and accuracy while decreasing the cognitive load required to accomplish computer tasks. One specific musical application that may benefit from these devices is the task of audio navigation as found in digital sound editing software since current users rely heavily on the keyboard and mouse while performing editing tasks.

This thesis contains three major sections. The first section involves analyzing current interaction methods used in editing **digital** audio. This **work** looks at **how** users currently **use** editing interfaces and identifies specific aspects of the interaction that cause usage difficulties. The second section includes need-finding and technology exploration. This process provides insights leading to the development of a haptic scrubbing interaction model with which users can feel tactile sensations mapped to audio characteristics while hearing and seeing representations of the original sound.

The third section presents experiments to collect user performance data. In the first experiment, users were asked to locate the onset of a tone under conditions in which it was difficult to locate visually. With haptic feedback mapped to the spectral content of the tone, users were able to target the tone 20.8% more quickly and 52.7% more accurately than without haptic feedback. Additionally, each trajectory of movement was recorded and these revealed a consistency in user behavior for both the haptic and non-haptic conditions. The second experiment was a short pilot study in which users were asked to locate pitch information based on haptic feedback. Like the first experiment, the second one showed that haptic feedback is significant in audio scrubbing tasks. These findings suggest that the incorporation of haptic devices into sound editing systems may provide substantial benefits to the user.

The research presented here explores and analyzes interaction methods in order to develop improved user experiences. By isolating problems in current interactions, understanding how they may be resolved, applying the known benefits of haptic technologies, and obtaining results of user tests, future applications may benefit greatly from the incorporation of haptic devices.

7/4/11 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

AN- 2744139|
AA- BAST04130600|
ST- New record|
TI- The Technical and Legal Dangers of Code-Based Fair Use Enforcement |
AU- Erickson, John S|
AU- Mulligan, Deirdre K|
JN- Proceedings of the IEEE|
SO- v. 92 no6 (June 2004) p. 985-96|
DT- Feature Article|
SN- 0018-9219|
LA- English|
AB- **Digital rights** management (**DRM**) mechanisms, built upon trusted computing platforms, promise to give content providers the ability to reliably and deterministically impose rules on end-user experiences with information resources ranging from literary works and scholarly publications to a vast array of entertainment content. These mechanisms are able to constrain the user's local interaction with content by ensuring that only a predefined range of content behaviors may be invoked, by only authorized agents in only authorized hardware, software, and network environments. **DRM** represents just the first wave of a class of technologies that aspire to not only implement copyright-protecting usage controls on computing devices, but increasingly to take on the enforcement of a broader set of organizational and public policies. When technical mechanisms for policy enforcement are strengthened by laws and other governmental controls that stipulate their use--and penalize their avoidance or circumvention--end-user freedoms are at risk of being controlled at their most granular level exclusively by parties who write the policies and control their means of enforcement. This paper focuses on policy enforcement in the specific context of content use. It reviews the concepts and architecture of policy specification and enforcement, citing examples from the special case of **DRM** , and provides a detailed discussion of **how usage** control policies are evaluated in **DRM** systems. Since the expression and interpretation of policies is only one "layer" of the general problem of persistent policy enforcement, we will consider the role that trusted computing systems will play in ensuring that computing agents interpret policies in reliable and deterministic ways. Finally, we will consider the challenges inherent in the construction of technical mechanisms that mimic social policies. Reprinted by permission of the publisher.|
DE- Digital content protection technologies|

7/4/12 (Item 1 from file: 233)
FN- DIALOG(R)File 233:Internet & Personal Comp. Abs.|
CZ- (c) 2003 EBSCO Pub. All rts. reserv.|
TI- Authentica strengthens **DRM** |
AN- 00694534|
AA- <Microcomputer Abstracts> 03EW09-131|
AU- Rapoza, Jim|
JN- eWeek|
PD- September 8, 2003|
CO- Authentica|
UR- http://www.authentica.com|
PN- PageRecall 3.1|
SO- v20 n36 p47|
PG- 1 Page(s)|
SN- 0740-1604|

LA- English|
DT- Software Review|
GR- B|
PR- 25000|
GN- United States|
AB- Presents a favorable review of PageRecall 3.1 ($22,500) from Authentica Inc. Explains that it lets businesses quickly protect and control who can view sensitive Acrobat documents and **how** they can **use** these documents, through good **DRM** (**digital rights** management) capabilities that can be regularly updated. Cites simplicity of deployment and management of complex **DRM** from Acrobat documents; and effective feature for preventing screen captures of documents. Mentions, however, that the current plug-ins work only on Windows systems, and the screen capture prevention feature cannot be easily turned off. Concludes that it does allow flexible access rights but if a company does not need the server-based **DRM** capabilities, it would probably be better off with the file-based protection built in to Acrobat. Includes a table and a product summary. (EPE)|
DE- **Digital Rights** Management; Copy Protection; Security; Security Measures; Enterprise Computing; Privacy Protection; Plug-ins|
ID- PageRecall 3.1; Authentica|

7/4/13 (Item 2 from file: 233)
FN- DIALOG(R)File 233:Internet & Personal Comp. Abs.|
CZ- (c) 2003 EBSCO Pub. All rts. reserv.|
TI- Microsoft to expand **DRM** push with server|
AN- 00670229|
AA- <Microcomputer Abstracts> 02EW09-203|
AU- Galli, Peter; Fisher, Dennis; Foley, Mary Jo|
JN- eWeek|
PD- September 16, 2002|
CO- Microsoft|
SO- v19 n37 p1, 16|
PG- 2 Page(s)|
SN- 0740-1604|
LA- English|
DT- Articles, News & Columns|
PR- NA|
GN- United States|
AB- Reports that Redmond, WA-based software giant Microsoft Corp. is pushing further into **digital rights** management (**DRM**) with a plan for a **DRM** server due to go into beta testing in the latter part of 2002. Explains that **DRM** technology enables content creators, such as record companies, to encrypt content and define who can decrypt it and **how** they can **use** it. Mentions that the fate of the existing Microsoft Windows Media Rights Manager software is not clear once the **DRM** server is released. Indicates that the software is being used by seven music and video subscription services. Cites the opportunities Microsoft sees for the **DRM** server. Says that Microsoft has already applied for a patent for a **DRM** operating system but would not say if the **DRM** server would be based on this. Includes a sidebar. (MEM)|
DE- **Digital Rights** Management; Server; Copy Protection; Product Development; Copyright; Corporate Strategy; Intellectual Property|
ID- Microsoft|

7/4/14 (Item 1 from file: 256)

Search Report from Ginger R. DeMille

DIALOG(R)File 256:TecInfoSource
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PRODUCT NAMES: PageRecall 3.1 (064254)

TITLE: Authentica strengthens DRM : Pagercall upgrade allows flexible...

Authentica's PageRecall 3.1, the most recent release of the **digital rights** management (**DRM**) system, gets good marks overall, especially for excellent security usability, capability, performance, and scalability are good, while interoperability and manageability are fair. With PageRecall 3.1, companies can swiftly guard and control those who can view proprietary Acrobat documents and **how** they can **use** the documents. Good **DRM** abilities can be updated frequently. The high-end, powerful, full-functioned product may not be suitable for all companies, and other choices include the file-based protection built into Acrobat. PageRecall 3.1 makes its easy to deploy and manage elaborate **DRM** from Acrobat documents and provides a useful way to prevent screen capture of documents. However, current plug-ins work only on Windows systems, and the screen capture prevention feature is difficult to disable. PageRecall 3.1 operates only with documents created in Acrobat PDF format. Testers installed Policy Server and could swiftly create users and user groups and assign permissions. They could create different policy templates. Policy Server uses standard key- based encryption and certificates to protect content. A provided wizard guides users through the process of applying **DRM** to a document.

7/4/15 (Item 1 from file: 474)
DIALOG(R)File 474:New York Times Abs
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08020196 NYT Sequence Number: 589934030303
PONDERING VALUE OF COPYRIGHT VS. INNOVATION
Harmon, Amy
New York Times, Col. 4, Pg. 2, Sec. C
Monday March 3 2003
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English
RECORD TYPE: Abstract

ABSTRACT:
Conferences at University of California at Berkeley and at Stanford University address question of whether mismatch between two different technologies and legal policies that govern them can inhibit free expression and innovation; Berkeley conference focuses on software known as **digital rights** management, which allows copyright holders to set rules on **how** people can **use** wide range of products; use of software has increased under Digital Millennium Copyright Act of 1998, whose aim is to make it illegal to break digital locks protecting copyrighted material; Stanford conference addresses question of how airwaves should be allocated with advent of technology that may make traditional notion of 'interference' between bands obsolete (M)
COMPANY NAMES: University of California at Berkeley; Stanford University; University of California at Berkeley; Stanford University
DESCRIPTORS: Copyrights; Science and Technology; Copyrights; Computers and the Internet; Radio; Law and Legislation; Copyrights
PERSONAL NAMES: Harmon, Amy
?

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